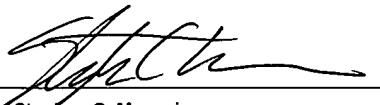


*See OK*

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Case No. 802-04RE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Brenner

Serial No: 09/366,081

Group Art Unit: 1635

Filed: 2 August 1999

Examiner: M. Shibuya

Title: COMPOSITIONS FOR SORTING POLYNUCLEOTIDES

Amendment After Final

Assistant Commissioner of Patents  
Washington, D. C. 20231

Sir:

In response to the Final Office Action dated 16 August 2000, please enter the following amendment:

IN THE SPECIFICATION:

1. Please amend the paragraph in column 15, lines 1-21, as follows:

"Preferably, when the population of polynucleotides is messenger RNA (mRNA), oligonucleotides tags are attached by reverse transcribing the mRNA with a set of primers containing complements of tag sequences. An exemplary set of such primers could have the following sequence:



where "[W,W,W,C]<sub>9</sub>" represents the sequence of an oligonucleotide tag of nine subunits of four nucleotides each and "[W,W,W,C]" represents the subunit sequences listed above, i.e. "W" represents T or A. The underlined sequences identify an optional restriction endonuclease site that can be used to release the polynucleotide from attachment to a solid phase support via the biotin, if

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